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2878

Our Reference: VMP-491-A

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Heiner Bayha, et al.  
Serial Number: 09/856,815  
Filing Date: September 7, 2001  
Examiner/Group Art Unit: Yam, Stephen K./2878  
Title: DEVICE FOR DETECTING PARTICLES ON A WINDSHIELD

**CERTIFICATE OF MAILING AND TRANSMITTAL LETTER**

**BOX NON-FEE AMENDMENT**

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

Transmitted with this document is a Return-receipt postcard; Communication; Request for Drawing Change Approval; and one (1) sheet of red-line drawings in the above-identified application.

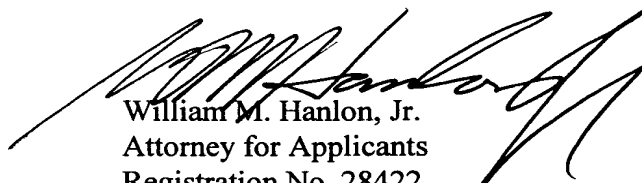
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X Please charge any deficiency or credit any excess in the enclosed fees to Deposit Account Number 25-0115.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner of Patents, Washington, D.C. 20231, on August 28, 2002.

Respectfully submitted,

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#8/B  
JAM

COMMUNICATION

**BOX NON-FEE AMENDMENT**

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

If any charges or fees must be paid in connection with the following communication, they may be paid out of our Deposit Account No. 25-0115.

The Office Action dated July 19, 2002, has been received and carefully reviewed. Please amend the above-identified patent application as indicated below.

In the specification:

Replace paragraph 0025 with:

In Figure 1 the device of the invention is identified in its entirety with the reference numeral 1. The device 1 is used to detect particles 2 on a windshield 3 of a motor vehicle 10 (see Fig. 2). The device 1 possesses a radiation source 4 which emits optical rays 5 onto the windshield 3. The radiation source 4 is formed as a light-emitting diode (LED). In addition, the device 1 possesses a photodetector 6 which receives the optical rays 7 reflected from the particles 2 on the windshield 3. The photodetector 6 is designed as a charge-coupled device (CCD) image converter. Finally, the device 1 possesses a control unit 8 which manages the radiation source 4 by means of control signals and which analyzes the optical rays 7 received by the photodetector 6. Means 12 for focusing the optical rays 5, 7 are located in the direction of propagation of the beams 5 after the radiation source 4 and in the direction of propagation of the beams 7 in front of the photodetector 6. The means 12

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